



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8455

SERIAL NUMBER 09/882,213 ✓	FILING DATE 06/14/2001 ✓ RULE	CLASS 370	GROUP ART UNIT 2661	ATTORNEY DOCKET NO. 2705-169
-------------------------------	-------------------------------------	--------------	------------------------	------------------------------------

APPLICANTS  
David R. Oran, Acton, MA;

\*\* CONTINUING DATA *N/A TP* \*\*\*\*\*

\*\* FOREIGN APPLICATIONS *N/A TP* \*\*\*\*\*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
\*\* 08/13/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>TRH PHAN TP</i> Examiner's Signature Initials	STATE OR COUNTRY MA ✓	SHEETS DRAWING 8 ✓	TOTAL CLAIMS <i>58</i>	INDEPENDENT CLAIMS <i>12</i>
--	---	-----------------------------	--------------------------	------------------------------	------------------------------------

ADDRESS  
20575 ✓  
MARGER JOHNSON & MCCOLLOM, P.C.  
210 SW MORRISON STREET, SUITE 400  
PORTLAND , OR  
97204

TITLE  
Method and apparatus for fast failure detection in switched lan networks ✓

FILING FEE RECEIVED 2650	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____
--------------------------------	---	--